



### Standards



Calibration standard	ISO12714
	GB/T 19801

### Certification



### Product description

The WI800/1 broadband built-in preamplifier integrated acoustic emission sensor has a frequency range of 50KHz-800KHz and a resonant frequency of 600KHz. Its broadband characteristics cover the frequency range of most acoustic emission applications. The collected signals are rich and comprehensive, suitable for spectrum research, etc.

### Product Feature

- SMA interface.
- The contact surface is made of ceramic material to isolate the outer shell from the measured object electromagnetically.
- The shell adopts SUS-304 and has an overall shielding design, effectively reducing interference.
- Each product has a unique serial number that can track the production testing process.
- Before leaving the factory, each sensor undergoes sensitivity testing in accordance with GBT 19801-2005, and the response curves of the delivered products are measured.

### Technical Specs

<b>Resonant Freq. Ref V/(m/s)</b>	600kHz	<b>Sensitivity Peak Ref V/(m/s)</b>	> 65dB
<b>Frequency Range</b>	50kHz-800kHz	<b>Integral preamplifier</b>	26dB5V
<b>Working Temp.</b>	-20 to 50°C	<b>Size (DxH)</b>	Φ22×25.5
<b>Weight</b>	33.63 g	<b>Case Material</b>	SUS-304
<b>Face Material</b>	Ceramic	<b>Protecting Grade</b>	IP62
<b>Connector</b>	SMA	<b>Connector Location</b>	Side

### Accessories

<b>Signal cable</b>	RG178/RG316	<b>Hold-down</b>	Saddle type
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